



VOLUME LXXI NUMBER 11

November 2024



**EBARC
Meetings**
Next meeting: Nov. 8, 2024



**Unitarian
Universalist
Church
Of Berkeley
Safir Room
1 Lawson Rd.,
Kensington, CA**
Check your email for Zoom link.

The Executive Committee is currently meeting via Zoom on the Tuesday before the second Friday General Meeting.

Welcome EBARC Members to the eleventh edition of the *Blown Fuse* for 2024.

Please plan to join us at the meeting on November 8, 2024, in-person or on the Zoom Link.

Program: Mathison Ott: Bay Area Mesh Operations

The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is a service provided as part of membership. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Audrey Nieman W6BBQ
Deadline for December Issue is Nov. 25, 2024.

Blown Fuse Back Issues

The Internet Archive, where the digital versions of the Club newsletters are located was hacked, and taken down briefly this month. The area where EBARC newsletters (some predating the name “Blown Fuse”) are stored did go down with the hack. The servers have been restored and are newsletters are accessible with the URL:
<https://archive.org/details/east-bay-arc>

President’s Message

It has been fun and interesting being your President this year. I will step down from this role at the end of December. I have other demands on my time in the coming year. I will assist the incoming president as much as needed. I will not run for any other EBARC board positions in 2025. I have been a part of the EBARC Board since 2019. I believe this has been a reasonable period of service to the club. For this moment, anyway. I don’t expect to go away entirely. In addition to assisting the future President I want to assist the club in managing and downsizing(rightsizing?) its equipment inventory. I expect to get into the tedious and detailed aspects of evaluating whether to keep items. I expect to reach out to some of you for assistance and opinions with making these determinations.

Did you attend Pacificon? I did on Friday and Sunday. I met Kay Savetz, of the Digital Library of Amateur Radio and Communications. He gave a presentation of the 20 lessons he’s learned doing this effort. He is the person who arranged to digitize and archive EBARC’s newsletters within DLARC and the broader Internet Archive. DLARC, a subarea of the Internet Archive, is where the newsletters reside alongside a vast archive of Ham Radio knowledge and culture. Well beyond EBARC newsletter storage. It is worthy of exploration. Ditto the broader Internet Archive. I stopped by the Fox Hunting tent but I didn’t do a Fox Hunt at that moment. The antenna seminar on Friday was interesting. A takeaway is that the forces that cause water in a draining sink to rotate around the drain as it drains out are at play with the signals that come from vertical antennas. Because of these forces the signals can be received by a horizontal (and other types of) antennas and vice versa. Reception is not as good as it could be in this scenario. There were tips to help us modify and adjust our antennas and radios to improve reception efficiency.

I

Minutes of the October Meeting

The EBARC General Meeting was held on Friday October 11, 2024 as a hybrid meeting. The in-person meeting occurred at the Unitarian Universalist Church of Berkely (UUCB) at 1 Lawson Road, Kensington CA 94794-1015. The on-line meeting was held via the Zoom Internet Conferencing application. There were five people in person and 7 on Zoom. The meeting was called to order by President Todd Teachout W8BIK at 7:03 PM. Board member present was Howdy Goudy KE6BEE and members Karen Fenton KK6ZPM, Jay Fenton KJ6WSS and Frans Kuypers, KJ6IUV. On Zoom was Secretary Jan Kuhl AC5RB and members Tim Eisler KO6EMS, Don Simon, NI6A, Ross Talarico W6OGX, Robin Mitchell KN6CRP, Cris Harwood AA6AT, Robin Spalding N6RLS and guest John Evans KO6FCY.

It was moved to approve the agenda for the meeting
MOTION CARRIED

It was moved to approve the Minutes from the September 13, 2024 as posted in the Blown Fuse
MOTION CARRIED

TREASURER REPORT- In the absence of Treasurer Audrey Nieman W6BBQ, the figures will be posted in the next Blown Fuse.

PROGRAM- Howdy will be presenting a video about Hams in Hurricanes. Don Gitro K2DMG ended up being volunteer net control and facilitator for locating the missing and damages from recent Hurricane Helene. For November there will be a presentation about Mesh Operating. Any future ideas for programs are welcome.

PRESIDENTS REPORT- The executive board met Tuesday October 8, 2024. They discussed equipment policies to be incorporated into our Bylaws, and welcome input from members. Todd has put together a draft for Bylaw changes for this. A draft will be put into the Blown Fuse. We have a large stash of equipment that has been donated from SK and members. There are things we could use for Field Day, but need to figure what to purge, sell, and inventory. Also discussed was the fact that we have 56 members on our roster but not very many of them are active. Kudos to Ross Tallarico, Chris Harwood, Jim Marks for their contributions, enthusiasm, and wiliness to contribute. Ideas to promote more participation like nets, like Facebook,

like combining clubs and outreach to Hams in our area. The Pandemic hit clubs hard for active participations. We lost the site to do VE testing. POTA (Parks on the Air) QSO parties, Field day are other activities to involve members and encourage new members.

NOMINATING COMMITTEE- Todd announced he will not continue as President for the next year. He is heading the nominating committee to see who would like to be on the Board. November is when we have elections, the results will be announced in December and the terms start January 2025.

HOLIDAY CELEBRATION- The CCCC club is holding a Holiday Celebration on Sunday December 8, 2024 and is inviting EBARC and KARO ECHO. It will be at Las Casitas Mobile Home Park 3000 Broadway, American Canyon. The time will be from 1-4 PM. It will be potluck. Jan will take reservations by text or email. Name, how many in group, and what potluck item you plan to bring. There will be gifts for everyone. The cost will be \$5.00 per person, to go towards expenses and the CCCC will pick up the rest.

MEMBER IMPUT- Karen, KK6ZPM suggested a survey to members as to what their interests were as to what doing now or what they would like to do. Don, NI6A said that there might be interest in Morse code as it is no longer required for licenses. Maybe classes can be presented to bring it back.

BREAK

PROGRAM- Hurricane Helene the Volunteer Net Control Dan Gitro K2DMG recounted his involvement with communicating road closures, flooded infrastructure, 106 MPH winds. The repeater tower was 70 miles away from him on Mt. Mitchell but high enough he could reach out over a vast area. There was no cell service, no electricity, no internet. He called out for people to connect for health and welfare of families and friends by relaying any information that came through the radio. It was an impressive presentation.

Meeting adjourned 8:56

Respectfully Submitted

Jan Kuhl, Secretary

Treasurer's Report November 1, 2024

Balance Forward \$12,622.08

Income:

10.31 Interest .10

Disbursements .00

New Balance \$12,632.08

Now accepting dues for 2025

Regular Member \$35.00

Family Membership \$45.00

PayPal to treasurer@ebarc.org

Or mail to:

EBARC

P.O. Box 1393

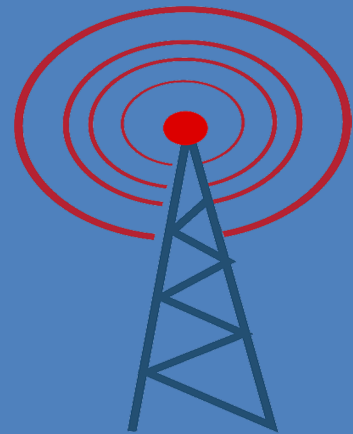
El Cerrito, CA 94530

PENDING ITEMS

CLUB Station: Still on-hold pending meetings with the UUCB Faith Leader, and Executive Director and/or other UUCB personnel.

Vacancies:

- Membership, 3rd VP
- Blown Fuse
Permanent Editor
- Licensed Volunteer
Examiners& Testing
- Coordinator Radio
Operator License
Test Prep
- Instructors
Community Support
(Sports events,
scouting, Maker
Faires)
- Program Presenters



President's Message Continued

2025 EBARC Leadership

Per its Constitution and Bylaws there must be an election of Officers to lead EBARC for the calendar year 2025 in November. Software tools have enabled elections to occur online. During the month you will be asked to vote for 2025 Officers. I hope that every member will vote.

From my perspective most club members look forward to hearing presentations about radio and related matters. From surveys done in the recent past, members have expressed a desire to meet in person, to have EBARC participate in the Field Day Events, and to participate in other activities. From visits to Ham Radio friendly sites, to POTA activations. Turnout for these activities seem to have been small, relative to the membership size. And it takes effort to organize these activities.

Several members have been members of EBARC for decades and have served the club in various roles, in the past to conduct the club activities. Time has made it difficult for them to continue at the same level of involvement they provided in the past. There are other members who don't help (though paying membership dues is a form of help). The services the club provides are the result of the efforts of the members, themselves, provide. The club needs its members to give back as well as get. Service to the club is a necessary aspect of membership. It provides a unique way to learn and hopefully provides intrinsic rewards coming from serving others. As of this moment the slate of candidates is not finalized. Some of you will be asked to serve in 2025 and maybe longer. For the sake of the club, I hope you will agree to serve as a candidate. Between now and club meeting time the roster of candidates will be determined. The slate of candidates for 2025 will be announced at the November General Meeting.

Todd, W8BIK, outgoing President

Officer Duties:

President: Presiding member with authority to sign contracts and represent the club, Preside and officiate at General and Board Meetings, enforce the Constitution and ByLaws, decide all questions of order, respond to inquiries; **Do or delegate:** Organize the Officer Nominating Committee, Field Day Operations, Club events, Club Projects, Officer elections. Be the face of the club to the outside world (a.k.a. customary duties). Prepare President's message in the club newsletter. Other duties/activities as needed now.

Treasurer: Maintain Financial resources on behalf of the Club, Make deposits into club bank accounts, write checks from club checking accounts, report financial activity, monthly, Prepare the annual Tax Returns, Pay other fees and charges incurred via active contracts, insurance premium invoices and other warranted costs, Hold the PO box key/lock code.

Secretary: Attend meeting (General and Board Meetings), take notes to enable meeting minutes to be prepared. Keep a role of members at meetings. As warranted continue correspondences and read written communications at meetings.

First Vice President-Programs: Serve as Programs Committee chairperson. Find and arrange for presentations and/or other activities that will educate and entertain the membership and guests. Assume duties of the President during absences.

Second Vice President-Membership: Serve as Membership Committee Chairperson. In coordination with the Treasurer send out Membership renewal notices/invoices. Prepare Membership Rosters, **Do or delegate:** recruit new members, retain current members.

All Officers: Prepare articles and reports for the Club newsletter.

25 years ago

The meeting was held at the Albany Senior Center. The president mentioned Y2K and some efforts being planned for to minimize disruptions from the coming changing millennium. He also gave an update on fundraising raffle ticket sales. There was a reprint of a 1990 article about how to minimize RFI (Radio Frequency Interference, a.k.a. static noise) coming from TVs, Stereos, Telephones, VCRs. REMEDY-careful use of ferrite snap together chokes, careful use of high pass filters, careful use of capacitors. There was an announcement of a joint EBARC/4Cs Holiday Potluck Party in December with an outline to enable attendees to note what they would bring. 87yo member Steve Dodge, K6ZR died in an automobile collision near Grants Pass, OR, on October 1, 1999 becoming a Silent Key. Program Chair Alan Eshleman gave a Home Video presentation about his QSO operation in Weaverville. Over a 24-hour period 988 contacts (660CW, 328 Phone) were made.

50 Years ago

The meeting was held at Casa Cerrito on Portola Drive in El Cerrito. The President discussed the Club Officer elections and the General Community ("State") elections making a point it is "an opportunity for members to demonstrate their commitment to fellow members and amateur radio." He announced the beginning of a membership campaign that will prepare and distribute printed material about the club, its meetings, and services it provides members. The December meeting is to be used as an auction of equipment being offered for sale by current members, surplus club equipment, and equipment of people members know who have left the hobby. Finally, the message had a business card of Al Hetzler, the October presenter who repairs teletype machines as well as typewriters.

More info about the membership campaign announcing prizes for members who bring in new members.

Pat Bowens prepared a synopsis of the Pacific Division ARRL convention (predecessor to Pacificon) including the need for code practice cassettes, radio beginners' manuals oriented to pre-teens, discussion of the FCC not being responsive to ARRL needs, discussion of the need for the ARRL to create a Youth Incentive Program to bring in new members.

Excerpts from Auto-Call discussing: 1) possible changes in band privileges in the 420-450MHz band, in the 2900-3700MHz band, and in the 435-438Mhz band (that is currently a satellite segment) for non-government radiolocation systems. Primarily to facilitate Oil Exploration activity. 2) RFI Task Force Report was announced and it summarizes info to solve RFI problems including encouraging victims to report problems to manufacturers of equipment to improve their products generally and provide devices (e.g. high pass filters) to remedy problems.

A reprint of an article titled "And it Came to Pass, The Episode of the Much-Married Ham and the Radio Widow."

A reprint of the poem, "Identify Yourself" about the types of members who populate clubs.

The East Bay Amateur Radio Club, founded in 1947, is a California non-profit organization of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone with an amateur radio license. Annual dues are \$35 for individual membership, \$45 for family membership, and \$10 for students K-12. For information, send email to ebham.office@gmail.com, contact any EBARC officer, see Web page www.ebarc.org, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. You can also follow us on Twitter using @w6cus, or on Facebook's "East Bay Amateur Radio Club."

2024 East Bay Amateur Radio Club Executive Committee

Todd Teachout, W8BIK, President	510-799-6051
Jan Kuhl, AC5RB, Secretary.....	510-846-3829
Howdy Goudey, KE6BEE, 1 st VP / Program Chair	510-684-9097
Audrey Nieman, W6BBQ, / Membership Chair	510-682-7938
Audrey Nieman, W6BBQ, Treasurer / Finance Chair	510-682-7938

2024 EBARC's Other Committee Heads and Contacts

<i>Blown Fuse</i> Editor: Audrey Nieman, W6BBQ	510-682-7938
W6CUS Trustee Chris Harwood	510-332-7383
Webmasters: Chris & Isaac Harwood	510-332-7383

Bay Area Amateur Radio Nets

HF Nets: Add suggestions.

Net	Days	Time	PL	FREQ MHZ
Over the Hill Commuter CCCC	M-F	0710	82.5-	145.110
CCCC 220 Net	Tues	1930	82.5+	224.300
WC EMCOMM Net	Thu	1845	82.5	145.110
CCCC Evening Net	Thu	1930	82.5-	145.110
KARO/ECHO EMCOMM NET	Thu	1900	simplex	146.415
NALCO ARES EMCOMM Net	Thu	1915	77-	440.900
ORCA Net	Thu	1930	77	146.880
Bay Area EMCOMM Net	SAT	0900	82.5-	145.110
CCCC WC Net	Sat	0915	82.5-	444.275
Bay Area Comm Net	Sat	0930	82.5+	224.300
Cert FL Digi Net	Sat	1000	82.5+	444.275

HF Net Info

Wednesday Noon Net				
7.284	40m	LSB	Wednesday	12:00 Noon
Bay Area NVIS Net				
3.890	80m	LSB	Saturday	8:00 AM
Daily Nets				
7.2685	40m	LSB	Daily	12:00 PM (Noon)
7.264	40m	LSB	Daily	5.00 PM
3.906	80m	LSB	Daily	6:00 PM
3.975	80m	LSB	Daily	7:00 PM
3.952	80m	LSB	Daily	7:30 PM
14.305	20m	USB	14305DX Net	13:00z
14.345	20m	USB	Family Hour	14-17:00z
21.350	15m	USB	Family Hour	17:30z
7.258	40m	LSB	Midcars	5:30AM-11AM PST

DX peditions:

HD8CW HC5CW/8 Galapagos Islands, 19 - 28 November 2024. HC5CW and HC2AP will be active as HC5CW/8 and HD8CW from San Cristobal Island, IOTA SA - 004, Galapagos Islands, They will operate on HF Band, CW, SSB, FT8.
HC5CW/K2IN will be active as HC5CW/8 in CQ WW DX CW Contest, 23 - 24 November 2024.
QSL via M0OXO OQRS

Burkina Faso. Oct 3-Nov 11, 2024. XT2MD Team comprised of I8KHC, IZ4UEZ, IZ2GNQ, DL8JJ, OK2WX, HB9TOC, IU3PMA, F6IRA, YO8PS, DJ5IW.
They will operate on HF Bands and EME.
QSL via IK2VUC buro or direct.

Nosy Be Island (near Madagascar) IOTA Oct 23-Nov 6, 2024 Team comprised of SP9FIH and SP6CIK will be active as 5R8WE and 5R8CI from Andilana.
They will operate on 40 - 10m Bands, CW, SSB, FT8, Super Fox.
QSL via LOTW, ClubLog OQRS.

FW7AA Wallis Island, IOTA Nov 16-29, 2024 Team - Bob, W7YAAQ and AI, K7AR.
They will operate on HF Bands.
QSL via W7YAAQ, LOTW, ClubLog OQRS.

Gambia Nov 25-29, 2024. Team comprised of EA3NT, EI5GM, EI9FBB, MM0NDX, MM0OKG.
They will operate on HF Bands, including 60 and 6m Bands.
QSL via EA5GL, LOTW.

Rotuma Island (Fiji), IOTA, Nov 15- Dec 4, 2024, 3D2Z team is comprised of W6IZT, W8HC, K4NHW and others.

More DX Peditions info at <https://dxnews.com/dxpeditons/>

Upcoming Activities

Contests		
Event Name	Info/Rules	Time/Date
CQ Worldwide DX Contest, SSB	https://www.cqww.com/rules.htm	0000Z, Oct 26 to 2359Z, Oct 27
Nov Sweepstakes-CW	https://www.arrl.org/sweepstakes	2100Z, Nov 2 to 0259Z, Nov 4
PODDXS 070 Club Triple Play Low Band Sprint	http://www.podxs070.com/o70-club-sponsored-contests/triple-play-low-band-sprint	0000Z, Nov 9 to 2359Z, Nov 11
JIDX Phone Contest	http://www.jidx.org/jidxrule-e.html	0700Z, Nov 9 to 1300Z, Nov 10
4 State QRP Group 2 nd Sunday Sprint	http://www.4sqr.com/SSS/sss_rules.pdf	0100Z-0300Z, Nov 11
EME – 50 to 1296MHZ	https://www.arrl.org/eme-contest	0000Z, Nov 16 to 2359Z, Nov 17
Run for the Bacon QRP Contest	https://qrpcontest.com/pigrun/	2300Z, Nov 17 to 0100Z, Nov 18
Nov Sweepstakes-Phone	https://www.arrl.org/sweepstakes	2100Z, Nov 16 to 0259Z, Nov 18
CQ Worldwide - CW	https://cqww.com/index.htm	0000Z Nov 23 to 2359Z, Nov 24
Straight Key Century Club (SKCC)	https://www.skccgroup.com/operating_activities/weekday_sprint/	0000Z to 0200 Nov 27
NCCC FT4 Sprint	https://www.ncccsprint.com	0100Z to 0130Z, Nov 29

More Contest info at <https://www.contestcalendar.com/fivewkcal.html>
 And at <https://www.arrl.org/contest-calendar>